

FIG. 1

```
graph TD; A([Begin]) --> B[200 Segment Frames Of A Panoramic Video Into Plural Corresponding Regions.]; B --> C[202 Separately Encode Each Region Of The Panoramic Video Frames]; C --> D[204 Compress Each Segment Of The Panoramic Video Frames]; D -.-> E([End]);
```

The flowchart illustrates the following steps:

- 200** Segment Frames Of A Panoramic Video Into Plural Corresponding Regions.
- 202** Separately Encode Each Region Of The Panoramic Video Frames
- 204** Compress Each Segment Of The Panoramic Video Frames

The process begins with a 'Begin' terminal, followed by step 200, then step 202, then step 204 (which is enclosed in a dashed box), and finally ends at an 'End' terminal.

FIG. 2



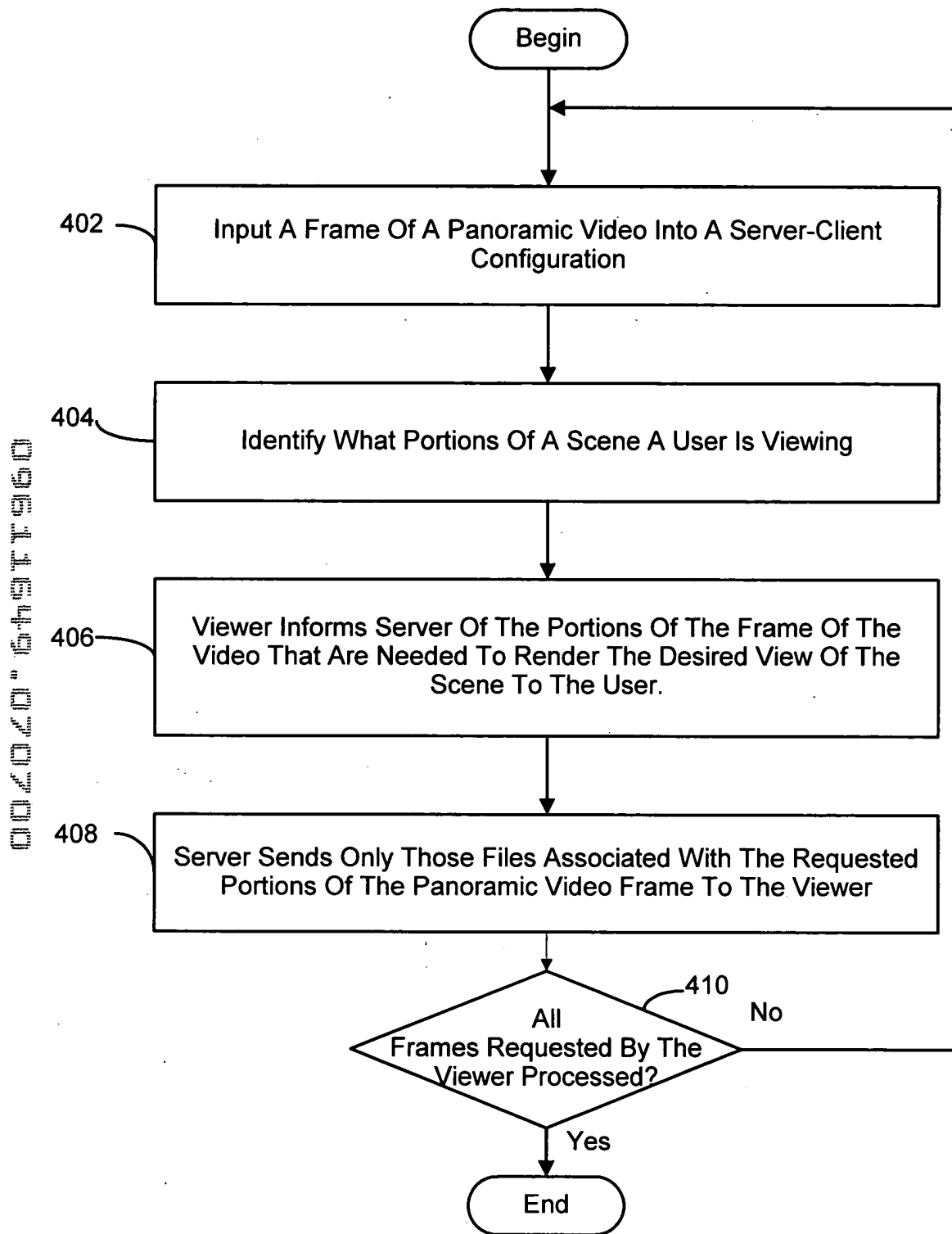


FIG. 4

```
graph TD; A([Begin]) --> B[Server Transfers Initialization File Followed By All The Segments Of The Panoramic Video Frames To A Viewer 502]; B --> C[Viewer Determines Which Portion Of The Scene That The User Viewing The Video Wants To See. 504]; C --> D[Viewer Uses Identifiers From Initialization File To Selectively Extract Those Segments Of Each Frame In Incoming Data Stream That Are Needed To Render Desired View. 506]; D --> E[Only The Extracted Segments Are Decoded And Decompressed By The Viewer. 508]; E --> F([End])
```

The flowchart 500 illustrates a method for rendering a desired view from a panoramic video stream. It begins with a "Begin" terminal, followed by a process block 502: "Server Transfers Initialization File Followed By All The Segments Of The Panoramic Video Frames To A Viewer". This leads to process block 504: "Viewer Determines Which Portion Of The Scene That The User Viewing The Video Wants To See.". Next is process block 506: "Viewer Uses Identifiers From Initialization File To Selectively Extract Those Segments Of Each Frame In Incoming Data Stream That Are Needed To Render Desired View.". This is followed by process block 508: "Only The Extracted Segments Are Decoded And Decompressed By The Viewer.". The process concludes at an "End" terminal.

**FIG. 5**

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graph TD; Begin([Begin]) --> 602[Viewer Reads Initialization File From Storage Medium]; 602 --> 604[Viewer Determines Which Portion Of The Scene The User Viewing The Video Wants To See.]; 604 --> 606[Viewer Uses Identifiers From Initialization File To Selectively Read And Process Only Those Segments That Are Needed To Render Desired View.]; 606 --> 608{All Frames In Panoramic Video Processed?}; 608 -- Yes --> End([End]); 608 -- No --> 604;
```

The flowchart illustrates the video processing method. It begins with a 'Begin' terminal, leading to process block 602: 'Viewer Reads Initialization File From Storage Medium'. This leads to process block 604: 'Viewer Determines Which Portion Of The Scene The User Viewing The Video Wants To See.'. From 604, the flow goes to process block 606: 'Viewer Uses Identifiers From Initialization File To Selectively Read And Process Only Those Segments That Are Needed To Render Desired View.'. This leads to decision block 608: 'All Frames In Panoramic Video Processed?'. If the answer is 'Yes', the flow proceeds to the 'End' terminal. If the answer is 'No', the flow loops back to process block 604.

FIG. 6